

## Storm routs Mystics in Game 1 of WNBA Finals sports > c1

Clunky Magic Leap One fails to cast a spell personal tech > A9

SATURDAY, SEPTEMBER 8, 2018



\$1.50

# The Seattle Times

WINNER OF 10 PULITZER PRIZES

INDEPENDENT AND LOCALLY OWNED FOR MORE THAN 121 YEARS

SEATTLETIMES.COM

# Seattle home prices drop \$45K in a month as market cools off

**RUNS COUNTER TO USUAL SEASONAL PATTERNS** 

Some sellers cut price as houses sit unsold longer

By MIKE ROSENBERG Seattle Times real estate reporter

Home prices are continuing to fall across an unseasonably cool Seattle real-estate market, with homes that would have been snapped up in an instant just several months ago now sitting unsold.

New monthly data out Friday show median home prices across King County fell \$30,000 in August from the month prior, the third straight month of declines. Countywide, the median cost of a singlefamily house, now \$669,000, is down by \$57,000 since May, according to the Northwest Multiple Listing Service.

The drop runs counter to normal seasonal patterns: During the same three-month period last year, prices went up by \$16,000.

Looking just at the city of Seattle,

ON THE WEB

Click on interactive map for details on prices, homes sold seati.ms/2NYf04d

the change is even more pronounced: The median house last month sold for \$760,000, a drop of \$45,000 in just one month and \$70,000 in three months.

Compared with a year prior, prices are still up 2.9 percent across the county, but that was the smallest increase in four years. It's a far cry from the double-digit growth that had become the norm over the past few years.

There's more encouraging news for homebuyers who have dealt with years of frustration: The number of homes listed for sale is up 66 percent from a year prior across the county, the biggest jump in more than a decade. Inventory has grown in a big way for several months in a row and has returned to 2014 levels, wiping out four years of de-

See > HOME SALES, A6

## An undersea stroll — on land



ALAN BERNER / THE SEATTLE TIMES

Christina Frazier and her husband, Tony, get an unusual view of hammerhead sharks Friday, thanks to the glass-topped tunnel below the Baja Bay exhibit in the new Pacific Seas Aquarium at Tacoma's Point Defiance Zoo & Aquarium. Baja Bay's 280,000-gallon tank stretches 10 feet above visitors and is meant to make them feel as if they're standing in a tunnel of water. Mission accomplished.

ON THE WEB | Photos and video of the new aquarium seattletimes.com/

## Obama slams Trump, GOP in rare rallying cry

**SPEECH COMES AS MIDTERMS NEAR** 

'Biggest threat to our democracy is indifference'

By PETER BAKER The New York Times

URBANA, Ill. — Former President Barack Obama re-entered the national political debate Friday with a harsh indictment of President Donald Trump, assailing his successor as a "threat to our democracy" and a demagogue practicing the "politics of fear and resentment."

In a dramatic break from the normal deference former presidents usually show to incumbents, Obama ended a long period of public reticence with a lacerating assessment of Trump. Sometimes by name, sometimes by inference, he accused him of cozying up to Russia, emboldening white supremacists and politicizing the nation.

"None of this is conservative," Obama told an auditorium of students at the University of Illinois at Urbana-Champaign. "I don't mean See > OBAMA, A8

**PRESIDENT** wants feds to find Op-Ed 'resistance' writer > A8



DANIEL ACKER / THE NEW YORK TIMES

In a speech to students at the University of Illinois at Urbana-Champaign on Friday, former President Barack Obama called President Donald Trump a "threat to our democracy."

#### LOOK WHO'S **USING PUBLIC** TRANSIT THE **MOST TO GET** TO WORK

Gene Balk / FYI Guy Seattle Times staff columnist

Here are three occupations you won't see in the same sentence very often: college

professors, housekeepers and computer programmers. Very different jobs, to be sure, but they have at least one thing in common.

Don't feel bad if you can't guess what it is. The answer isn't obvi-

But you'll find it in 2016 census data: King County residents employed in these three fields rely most heavily on public transit for commuting to work, among the 50 most common occupations.

College professors rank No. 1, with about 28 percent taking some form of transit to get to work — that's more than twice the King County average of 13 percent. Housekeepers are just a fraction behind, with computer programmers in third place. Rounding out the top 5 are foodpreparation workers and software developers, in that order.

Income is, of course, one factor that informs the decision to take transit, which in King County usually means the bus or light rail, but also might include the train, ferry, streetcar, or even the monorail. Owning and operating a car is expensive and may not be an option for many housekeepers and food-preparation workers. Both jobs average less than \$25,000 a year for full-time work in King County.

But the other occupations in the top five are well-compensated. In fact, computer programmers and software developers rank among the highest-paid occupations in the county.

There may be a number of reasons tech workers are more likely than most to take transit, but a major one is certainly access. A lot of tech employers most notably, Amazon — are located in job centers where transit is plentiful, driving is a major hassle and the cost of parking is astronomical.

Similarly, one reason college

See > FYI GUY, A7

#### **ONLY ON** SEATTLETIMES.COM



A look back at Seattle's sometimes-troubled history with streetcars.

st.news/streetcars

## Amazon patents a contraption that would put workers in a cage atop robot

But the e-commerce giant says it has no plans to actually use the 'human transport device.'

By MATT DAY AND **BENJAMIN ROMANO** Seattle Times business reporters

A patent Amazon has received would pair humans and machines. In this case, the humans would be

Illustrations that accompany the patent, which was granted by the U.S. Patent and Trademark office in 2016, show a cagelike enclosure around a small work space sitting

atop the kind of robotic trolleys that now drive racks of shelves around Amazon warehouses.

The patent was called "an extraordinary illustration of worker alienation, a stark moment in the relationship between humans and machines" by researchers who highlighted it in a study published Friday.

Amazon says it never implemented the technology and has no plans to, but the design appeared to be an effort to allow humans to safely enter robot-only zones in Amazon's highly-automated depots to make repairs or pick up dropped objects.

In an Amazon facility in Kent, for example, 750-pound robots topped with shelves scoot around an area surrounded by high chain-link fences, bringing merchandise like iPhone cases and coffee mugs to waiting employees who place or retrieve items from windows built into the fence.

If an unauthorized human strays into the robot-only zone, the com-

pany says, an alarm is triggered and the devices are designed to shut down to avoid colliding with the person. Amazon, in its patent, suggested a way around that firm boundary between human and robot territory.

"There may be circumstances where it is necessary for human operators to traverse, or otherwise go into, an active work space," says the patent, which credits eight inventors in the Boston area, home of Amazon Robotics, which was formed through the acquisition of Kiva Systems in 2012.

Lindsay Campbell, an Amazon spokeswoman, said speculation about the company's use of the patent was "misguided.'

"Like many companies, we file a number of forward-looking patent See > AMAZON, A7



#### < Home sales

FROM A1

clines.

Again, the trend is even more dramatic in Seattle, where inventory for singlefamily houses shot up 86 percent from a year prior. During that same period, the inventory of Seattle condos skyrocketed 161 percent.

The surge in listings is not the result of new homes coming on the market, but rather because houses are sitting unsold for longer. In turn, that has prompted a jump in the number of sellers cutting their list price, which would have been unheard of earlier in the year.

The drop in demand is part of a national trend as home prices — combined with higher mortgage rates — hit a point where fewer and fewer people can afford them. The fact that Seattle-area rents have stopped growing this year has put less pressure on buyers, as well. Local population and job growth has slowed in recent months. And reports indicate buyers from China, who have a strong presence in the Seattle market, have had trouble getting their money out of the country amid growing restrictions there, leading to fewer home bids here.

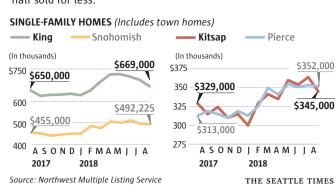
"Things have certainly changed," said John Manning, owner of a RE/MAX brokerage in Ballard. Some buyers are making requests for concessions that they "wouldn't have dared to offer" just a few months ago.

His crop of about 150 home shoppers has split into three groups, he says:

"One group is just sitting back and saying 'I want to see what happens'" and putting

#### **Home-price activity**

Monthly median sales prices for single-family homes in the central Puget Sound region. Median means half sold for more, half sold for less.



their home search on hold, he said. "The second group is very much launching into, We're going to negotiate far harder.' And the third group of people are slowing down a bit, and taking more time to consider" before making a bid.

Neighborhood-level data are more volatile, but in the past three months, median prices have dropped \$397,000 in Kirkland-Bridle Trails, \$125,000 in East Bellevue and \$87,000 in Southeast Seattle. And they're down more than \$70,000 in the past three months in Queen Anne/Magnolia, Ballard/Green Lake and Shoreline/Richmond Beach.

On the other hand, since the spring, prices are up by \$202,000 in West Bellevue (the region's priciest submarket), and have grown by \$40,000 in Mercer Island (the second-priciest area) and by \$50,000 in Des Moines-Redondo.

#### More cooling ahead?

Just about every year, prices drop a bit through the fall and winter. If that pattern repeats, the region

would be in for even more price reductions over the next several months.

Seattle's housing market has cooled more in recent months than any other metro area in the country, according to Zillow. Just recently, prices were rising faster here than anywhere else; now, Seattle is 12th on a list of the biggest 35 metro areas.

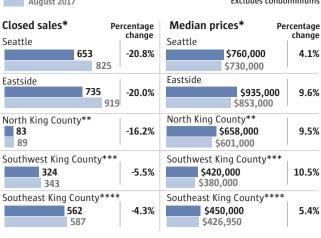
Washington state was also recently dethroned as the state with the fastest-rising home prices. Washington had led all states in homeprice growth for about a year and a half, while Seattle had led all metro areas in homeprice growth for nearly two years.

In all, prices here have roughly doubled since the market bottomed out in 2012. The recent turn in the market has only made a relatively small dent in that: Seattle remains one of the most expensive places in the country to buy a house, having passed the likes of Los Angeles, San Diego and New York in recent years.

Brokers quoted in a release from the listing service noted that in recent months, there have been fewer bidding

#### **August home sales in King County**

Includes town homes



\* Not including Vashon Island

August 2018

\*\* Shoreline, Lake Forest Park, Kenmore \*\*\* Burien, Tukwila, Des Moines, Normandy Park, SeaTac, Federal Way, Kent (west)

\*\*\*\* Renton, Kent (east), Auburn, Maple Valley, Black Diamond, Enumclaw Source: Northwest Multiple Listing Service

#### **August condo sales in King County**

August 2018 August 2017

Closed sales* Seattle	Percentage change	Median pric	es* I	Percentage change
<b>222</b> 258	-14.0%		\$ <b>504,500</b> \$475,000	6.2%
Eastside <b>236</b> 303	-22.1%	Eastside \$	\$ <b>495,000</b> 420,000	17.9%
North King County**  12 12	0.0%	North King Coo \$3 \$258,	62,475	40.5%
Southwest King County* 79 95	**  -16.8%	Southwest Kin \$199,70 \$185,00	00	7.9%
Southeast King County**  94  106	-11.3%	Southeast King \$258, \$219,5	750	17.9%

\* Not including Vashon Island

\*\* Shoreline, Lake Forest Park, Kenmore

\*\*\* Burien, Tukwila, Des Moines, Normandy Park, SeaTac, Federal Way, Kent (west) \*\*\*\* Renton, Kent (east), Auburn, Maple Valley, Black Diamond, Enumclaw Source: Northwest Multiple Listing Service THE SEATTLE TIMES

wars, while buyers are taking more time in deciding what to purchase. Even some new-home construction

builders are dropping list

John Deely, a director for the listing service and principal managing broker for Coldwell Banker Bain in

Seattle, said buyers have returned to requiring contingencies based on home inspections and other factors when they make an offer. Earlier, when the market was more competitive, it was standard for buyers to waive virtually all their contingencies — agreeing to buy the house even if an inspection turned up problems — to win a bidding war.

Mike Grady, president and COO of Coldwell Banker Bain, said sellers "may have overpriced their homes in the spring and early summer and now have to adjust their asking price." Sellers have begun adapting to the changing market more recently with more realistic pricing, he said.

Pricing in the condo market is a bit more of a mixed story. The median condo across the county sold for \$415,000 last month, down from the record of \$466,000 in the spring but still up 11.3 percent from a year prior.

Things have cooled a bit in surrounding counties, as well, but not by nearly as much.

The cost of the median single-family house in Snohomish County last month was \$492,000, up 8.2 percent from a year ago but down from the record high of \$511,000 two months prior.

In Pierce County, houses cost a median \$352,000, up 12.5 percent in the past year and just a few thousand bucks off from the peak level reached in the spring.

And Kitsap County prices settled at \$345,000, up 4.9 percent in the past year but down from the record of \$364,000 a month prior. Mike Rosenberg: 206-464-2266 or mrosenberg@seattletimes.com; onTwitter: @ByRosenberg.

## State of the U.S. economy as November midterm elections near

By CHRISTOPHER RUGABER The Associated Press

WASHINGTON — The U.S. economy is showing consistent strength even after nearly a decade of growth, with Friday's jobs report for August signaling that employers remain optimistic enough to hire freely and are finally paying more generously.

Consumers, the principal drivers of growth, are more han they in nearly 18 years. Americans are splurging on restaurant meals, clothes and cars.

Still, potential problems loom: The Trump administration is ramping up its trade fights, and interest rates appear likely to keep rising. The result is that businesses and consumers will likely find it somewhat more expensive to spend and borrow.

For now, though, the economy is expanding steadily, fueled by tax cuts, confident consumers, greater business investment in equipment and more government spending. Economic growth reached 4.2 percent at an annual rate in the April-June quarter, the fastest pace in four years.

Here are some key vital signs of the U.S. economy, roughly two months before the November midterm elections, which could transform the balance of power in Congress and reshape the economy:

#### Hiring is booming

U.S. employers added a robust 201,000 jobs in August, the Labor Department said Friday, in line with the past year's average monthly gain of 196,000. The unemployment rate remains at an ultralow 3.9 percent, a rate that most economists say could fall even further if the pace of hiring remains vigorous.

Mark Zandi, chief economist at Moody's Analytics, forecasts that the jobless rate could reach 3.5 percent or even lower by next year. That would be the lowest level in roughly 50 years.

Other measures of the job market are also brightening. Companies are asking their part-time workers, for example, to work more hours, which has the effect of increasing their weekly pay.

The number of part-time workers who would prefer full-time work fell in August and is now at its lowest level since the Great Recession ended more than nine years

A broader measure of unemployment, which includes those involuntary part-timers as well as dis-

couraged workers who are no longer seeking jobs, dropped to 7.4 percent last month, the lowest level in 17

#### Trade fights loom

On Friday, President Donald Trump ramped up his trade war with China by threatening to impose tariffs on an additional \$267 billion in Chinese imports. That is on top of previous threa president has made to slap tariffs on \$200 billion of Chinese goods. The administration has already imposed 25 percent taxes on \$50 billion of Chinese imports, a step for which Beijing retaliated against U.S. exports.

If all the threatened U.S. tariffs were imposed, they would cover everything the U.S. buys from China — from toys to handbags to smartphones.

Zandi estimates that if just the new tariffs on \$200 billion in goods were put in place, U.S. economic growth would slow by a quarter-percentage point over the following year — and roughly 400,000 fewer jobs would be created.

#### Wages are rising

For many economists, the brightest spot in the August jobs report was that average hourly pay rose 2.9 percent compared with a year ago, the healthiest such increase in nine years.

As the job market has tightened and unemployment has dropped, businesses have complained that they can't find enough qualified workers to fill all their open jobs. Some economists note that if employers offered more generous pay, they would attract more job candidates, including people who aren't now looking for work and therefore aren't counted as unemployed.

Friday's jobs report, with its evidence of faster wage growth, suggested that some employers might finally be ramping up pay. Larger paychecks would underpin healthy consumer spending in the months ahead.

"It looks like we're finally seeing that acceleration in

Cover >3

DONATIONS TO

wage growth that we've been waiting for," said Gus Faucher, chief economist at PNC Financial Services. "It's good news for workers' paychecks, it's good news for consumers and it's good news for the overall economy.'

Jason Mazzarone, chief executive of SoBol, a restaurant chain that sells a variety of acai bowls, says he's paying his employees more, ostly because of highei minimum wage laws in New York and other states where his 26-store chain operates. He has also raised pay for other workers who were already earning more than the minimum.

On New York's Long Island, for example, where many of his outlets are located, the minimum wage will reach \$12 an hour by year's end. For shift managers now making \$16 an hour, Mazzarone said, "their pay has to go up too."

#### Borrowing costs are up

Solid hiring and greater wage growth, though, have made it a near-certainty that the Federal Reserve will raise short-term interest rates when it meets later this month. Most Fed watchers also expect another rate hike in December and perhaps three more next year.

Those rate increases are intended to prevent the economy from overheating and control inflation, which reached 2.9 percent in July - above the Fed's 2 percent target level. The Fed's benchmark rate is between 1.75 percent and 2 percent, still very low by historical standards.

But higher borrowing rates tend to squeeze consumers and businesses, weaken home buying, undercut stock prices and eventually slow growth. At some point, Fed policymakers might inadvertently raise rates high enough to weaken the economy and perhaps even trigger a recession.

Mortgage rates already reached their highest levels in seven years this year, thereby making it more expensive to buy a home. The average 30-year fixed mort-

**DONATE YOUR CAR** 

**Wheels For Wishes** 

Benefiting

Make-A-Wish®

Alaska and Washington

\* We Accept Most Vehicles Running or Not

\* We Also Accept Boats, Motorcycle & RVs

\* Free Vehicle Pickup ANYWHERE

WheelsForWishes.org Call: (206) 219-9479

\* 100% Tax Deductible

Car Donation Foundation d/b/a Wheels For Wishes. To learn more about our programs or financial information, call (213) 948-2000 or visit www.wheelsforwishes.org.

gage rate rose to 4.54 percent this week, mortgage buyer Freddie Mac said. That's up from 3.78 percent a

#### Mood of consumers

Whether consumers respond to higher borrowing rates by pulling sharply back on spending will help determine whether the economy can maintain its vigor indefi-

Americans are already

holding back on home sales, which have fallen for four straight months. High home prices in many cities, which reflect a limited supply of properties for sale, are probably the primary reason why the pace of purchases has weakened. Rising mortgage rates have hurt, too.

For now, consumers are expressing confidence. Most Americans say they feel jobs expect the economy to remain healthy in the coming months, according to The Conference Board's consumer confidence survey.

Faucher, like most economists, says he is optimistic that higher pay and spending will drive healthy growth at least into next year.

"Wage growth will accelerate further as firms raise pay to recruit workers," he said. "Stronger wage growth will into 2019."





#### CELEBRATE YOUR STATE WITH THRILLS! FOOD! FUN!

With 7 unique watering holes, you'll be able to wet your thirst and enjoy some of Washington's best brews and ciders. Be sure to check out Brew Park with over 20 Washington brands on tap, daily. And, our newest, Outpost 47 features FREE nightly concerts, a variety of adult beverages and food, in a family friend seating area.

#### **EAT** TO YOUR HEARTS DELIGHT!



We have nearly 175 booths offering your favorite Fair foods. Whether you are looking for a juicy burger, a traditional fair scone or something out of the ordinary, the Fair offers a variety of food options to tantalize your taste buds.

#### **NEW! WORLD'S BIGGEST BOUNCE HOUSE**

The Big Bounce America, Limited time only, Sept. 6-9!

Enjoy 10,000 square feet of crazy inflatable interactive fun, complete with a live DJ while you bounce!

Just \$5 per bounce interval. Located near the Giant Slide in SillyVille. Must be at least 5-years-old and 3-feet-tall.



## STARLINE FAIR EXPRESS FROM KING COUNTY

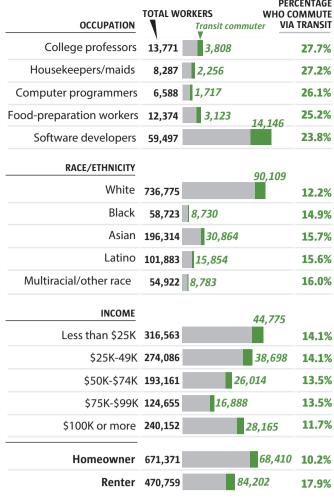


Save time & gas! Ride each Saturday. Buses depart from the Kent Park & Ride (902 James St.). For reserved seats, discounts and details, visit: THEFAIR.COM.

The Seattle Times

THE FAIR. COM

#### Who relies on transit in King County?



Sources: U.S. Census, IPUMS-USA MARK NOWLIN / THE SEATTLE TIMES

#### < FYI Guv FROM A1

professors rank first, surely, is that many colleges and universities are highly accessible by transit.

We've looked at the occupations whose workers are the most likely to take transit. But which are least likely?

Some of those with the lowest rate of transit ridership are highly paid professionals, including physicians and surgeons, aerospace engineers, chief executives — they're all at about 4 or 5 percent.

But elementary- and mid-

dle-school teachers have an even lower rate — 3 percent — and that's likely because transit is impractical for this occupation. Few schools are located in job centers where there's easy access to transit.

Almost no real estate agents and brokers use transit, placing them at the very bottom of the list. Meeting clients, driving to property showings and hosting open houses make having a car essential.

Carpenters and construction workers also rank close to the bottom, and transit may not be a good option for many who have to carry tools or equipment to the job site.

Regardless of occupation, one reason someone might choose driving over transit is commute times. The average King County commute for a solo driver is about 28 minutes. For transit riders, it's a lot longer, at 48 minutes on average.

This isn't unique to the Seattle area. In every major metro, drivers have significantly shorter commutes than transit riders, on average. Data show transit commuters typically spend more time getting to and from transit stations — and then waiting - than they do riding.

So even though driving is a more expensive option and it's unquestionably worse for the environment it's often more convenient than transit for commuters, depending on where they live, where they work and the nature of their job.

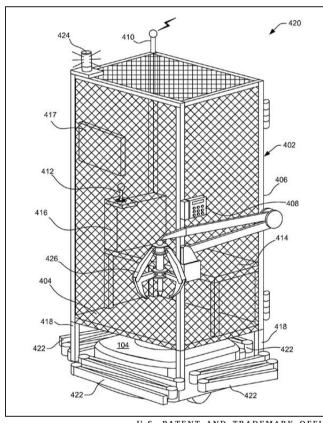
So it's not surprising that in King County, like nearly everywhere in the United States, the majority of people drive themselves to work alone in a car. The most recent census data show that almost two-thirds of workers who reside in the county, or nearly 720,00 people, are solo-drive commuters.

Public transit is the second most common mode of commuting, but it's way behind driving, at just 13 percent, or about 150,000 workers.

But let's end on some good news: With improvements to transit — including a couple of new light-rail stations and a ton of housing development in transit-rich areas, the number of folks commuting via public transportation has increased by more than 40 percent in King County since the start of the decade.

That's triple the growth rate of the number who drive alone.

> Gene Balk / FYI Guy: gbalk@seattletimes.com; on Twitter: @genebalk.



U.S. PATENT AND TRADEMARK OFFICE

Amazon in 2016 was granted a patent for a system to transport humans in a metal cage on top of a robotic trolley. The device features a joystick and a claw.

#### < Amazon FROM A1

applications," she said. Many don't see the light of day as finished products, particularly at Amazon, which encourages employees to experiment and invent. Such a cagelike device is not in use in any Amazon fulfillment centers, Campbell said.

Dave Clark, who oversees Amazon's warehouses and logistics work as senior vice president of operations, weighed in later on Twitter to say the company had no plans to use the contraption.

"Sometimes even bad ideas get submitted for patents. This was never used and we have no plans for usage. We developed a far better solution which is a

small vest associates can wear that cause all robotic drive units in their proximity to stop moving," he tweeted.

Still, the company's patents often spark conjectures about Amazon's technology and business plans. Other Amazon patents have mulled using wristbands to track workers' hand movements, dropping packages from drones 25 feet in the air, or having drones themselves link up to form a kind of floating warehouse.

A reference to the cage patent appears in a lengthy case study of the various systems that make up Amazon's Echo ecosystem, published Friday by Kate Crawford, a co-founder of the AI Now Institute at New York University, and Vladan Joler, a professor in the new media department at the University

of Novi Sad in Serbia. Crawford is also a principal researcher at Microsoft Research.

Crawford and Joler, in the research work titled "Anatomy of an AI System," describe the patent:

"It depicts a metal cage intended for the worker, equipped with different cybernetic add-ons, that can e moved through a war house by the same motorized system that shifts shelves filled with merchandise,' they write. "Here, the worker becomes a part of a machinic ballet, held upright in a cage which dictates and constrains their movement."

Amazon, in its patent, suggested using what it calls a human transport device to bring workers near robots for situations like repair or removal of a malfunctioning trolley, or retrieving items that have fallen off robotcontrolled shelves. They could also be used to cut across an off-limits work space to reach a restroom that would otherwise be a significant trip on foot.

And Amazon, which has turned an obsession with efficiency and business processes into an online retail and logistics empire, envisioned plenty of automation with its human-transport device. In one scenario described by the patent, a robot that has failed could alert a computer system, automatically generating an order for repair, which it assigns to an available human-transport device. Which device receives the order could be determined by its location, or the schedule or the particular skills of the human located within.

Matt Day: 206-464-2420 or mday@seattletimes.com: on Twitter: @mattmday. Benjamin Romano: 206-652-6593 or bromano@seattletimes.com; on Twitter: @bromano.

#### Pipeline company found guilty in 2015 California oil spill

By AMANDA LEE MYERS AND **ROBERT JABLON** The Associated Press

LOS ANGELES — A California jury found a pipeline company guilty Friday of nine criminal charges for causing a 2015 oil spill that was the state's worst coastal spill in 25 years, prosecutors said.

The Santa Barbara County jury reached its verdict against Plains All American Pipeline of Houston following a four-month trial, finding the company guilty of a felony count of failing to

properly maintain its pipeline, and eight misdemeanor charges, including killing marine mammals and protected sea birds. The company is set to be sentenced on Dec. 13. Because it's a company, and not a person, though it's unclear how steep

Plains only faces fines, the penalties could be. California Attorney General Becerra said in a statement that Plains' actions were not

only reckless and irresponsible but also criminal. "Today's verdict should send a message: if you endanger our environment and wildlife, we will hold you accountable," he said.

Plains said in a statement that it "accepts full responsibility for the impact of the accident."

"We are committed to doing the right thing," the company said.

The company had faced a total of 15 charges for the rupture of a corroded pipeline that sent at least 123,000 gallons of crude oil gushing onto Refugio State Beach in Santa Barbara County, northwest of Los Angeles.

Plains pleaded not guilty and accused the district attorney's office of criminalizing an accident.



CHRYSLER

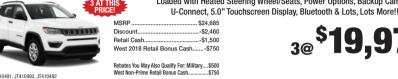






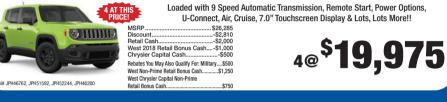


#### **NEW 2018 JEEP COMPASS SPORT** Loaded with Heated Steering Wheel/Seats, Power Options, Backup Camera.



3@<sup>\$</sup>19,975

#### RENEGADE SPORT 4X4 – AUTOMATIC!



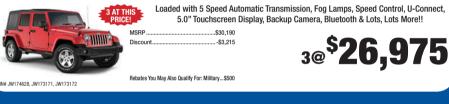
Nest Non-Prime Retail Bonus Cash

#### **NEW 2019 JEEP CHEROKEE LATITUDE 4X4** Loaded with Deep Tint Sunscreen, Aluminum Wheels, Remote Start, Power Options,



3@<sup>\$</sup>21,975

### **JEEP WRANGLER SPORT 4X4**



#### **NEW 2018 JEEP GRAND CHEROKEE L**



#### **NEW 2018 CHRYSLER PACIFICA TOURING PLUS**



## NEW 2019 RAM 1500 QUAD CAB 4X4 - EXPRESS



### NEW 2018 DODGE DURANGO SXT – ALL WHEEL DRIVE



#### **NEW 2018 JEEP GRAND CHEROKEE LIMITED 4X4**





#### NEW 2019 RAM 1500 CREW CAB 4X4 – BIG HORN





585 Rainier Ave S Renton, WA 98057 425-529-9467 RENTONCDJR.COM

FRIDAY'S **CLOSES** 

**Dow** 25,916.54 down 79.33, -0.31% **▼ Nasdaq** 7,902.54 down 20.18, **-0.25**% **▼ Russell 3000** 1,706.99 down 3.70, -0.22%

**10-year Treasury** 2.94% yield, **+0.07** 

**Currencies** C\$1.3172=\$1 111.06 yen=\$1 1 euro=\$1.1566

#### **Bizline**

A quick look at today's news. For updates: seattletimes.com



Alibaba's co-founder and executive chairman, Jack Ma, said he planned to step down from the Chinese e-commerce giant on Monday to pursue philanthropy in education, a changing of the guard for the \$420 billion internet company. Ma is China's richest man.

**Hiring picks up:** The pace of hiring in the United States quickened in August, and wages grew at their fastest annual pace in nine years — evidence that employers remain confident despite the Trump administration's continuing conflicts with its trading partners. The economy added a strong 201,000 jobs, and the unemployment rate stayed at 3.9 percent, near an 18-year low, the government said in its monthly jobs report. Average hourly pay jumped 0.4 percent in August and increased 2.9 percent compared with a year earlier.

Go-ing to Big Apple: An Amazon Go store will open in New York City. The Information, a technology news website spotted postings for jobs at the cashierless convenience store. Amazon confirmed its plans to open a store in New York but didn't specify when, or where. The retail giant has three Amazon Go stores open in Seattle, an originally employees-only facility on its downtown campus, and two more that opened during the last two weeks. It has confirmed plans for future locations in Chicago and San Francisco.

Tax loopholes: Amazon and Starbucks were picked out by Britain's top competition cop in a warning over tax structures that may help big companies thwart smaller rivals. The pair's ability to profit from international arrangements is the subject of debate in the U.K., Competition and Markets **Authority CEO Andrea** Coscelli said in prepared remarks for a speech in New York on Friday. Loopholes in regulation can potentially hinder the "level playing field" needed for effective competition, he said.

#### Hacker extradited: A

Russian hacker accused of helping pull off the biggest theft of consumer bank data in the United States has been extradited to the U.S. to face charges, federal prosecutors said. Russian national Andrei Tyurin was arrested by Georgian authorities to face charges he helped steal personal data of more than 80 million JPMorgan Chase customers in a massive hacking scheme uncovered by federal prosecutors three years ago, the Manhattan U.S. Attorney said.

Compiled from Seattle Times staff and news services

REUSE, RECYCLE Eileen Fisher and Patagonia trv to shift consumers' relationship to clothina > Sunday in Business

# Trump threatens new tariffs on \$267B of Chinese imports

'IN ONE WORD — DISASTER'

Companies already worried about the \$200B in duties the U.S. is set to impose

By MATT TOWNSEND AND JANINE WOLF **Bloomberg News** 

So much for U.S. consumers being left out of the trade war.

American retailers like Target and Walmart and giant brands such as Nike and Apple so far haven't been hit that hard by President Donald Trump's tariffs. But that could be about to change, just as they are preparing for the all-important holiday shopping season.

The president on Friday said he's ready to boost tariffs on Chinese goods to include about \$500 billion worth of products — or just about every single item coming from the nation. The U.S. imported \$505 billion of Chinese products in 2017, Census Bureau figures show, so

that means phones, sneakers, televisions and all the finished goods that consumers depend on will inevitably make the list.

Trump announced his possible move to impose tariffs on an additional \$267 billion in Chinese goods just as the U.S. finalizes a third round of duties on about \$200 billion — what critics had already likened to a tax on the American public.

"In one word — disaster," said Matt Priest, chief executive officer of the Footwear Distributors and Retailers of America, an industry trade group. "Punishing my children for the crimes of my neighbors seems like a ridiculous thing for all of us to think it would be effective. But this administration thinks it's a tool that will accomplish its goals.'

On top of the duties that U.S. importers would pay, there's also the risk of further retaliation in China — perhaps in the form of state-run media drumming up

See > TARIFF PAIN, A10

#### PERSONALTECHNOLOGY



Washington Post technology columnist Geoffrey Fowler has been testing Magic Leap's AR device.

## Magic Leap is a long way from a magical experience

**REVIEW** | There's lots to iron out with a new kind of computing device, but it's surprising it is not further along on the basics.

By GEOFFREY A. FOWLER The Washington Post

Tech's "next big thing" is looking more like a "maybe in a few more years thing."

Magic Leap, a Florida startup, has raised \$2.3 billion (yes, billion) from investors on the promise it can mix computer-generated images into regular human sight. Think Pokémon Go built into glasses. Cloaked in secrecy for seven years, it released dazzling demo videos and let a few people sample its newfangled View Master under controlled conditions.

Now come the unvarnished reviews. The company's first product,

the \$2,295 Magic Leap One, recently began shipping to developers. The Washington Post bought a pair, and I've been using it to test the Magic Leap augmented-reality experience.

Here's my real reality experience: Right now, Magic Leap isn't even a very good parlor trick. The product lets you walk around a room, tethered only to a disc-shaped computer worn on your hip, and experience a few 3-D apps that map into the space around you. But it is not dramatically better than competing (and not terribly compelling) AR gear already out there, such as Microsoft's HoloLens.

Palmer Luckey, the ex-CEO of virtual reality pioneer Oculus and a

rival, has been even more pointed. This week, he wrote, "Magic Leap is a tragic heap." (The company says he misunderstands its tech.)

Why should you care? You probably won't be buying a Magic Leap any time soon. But Apple and other tech companies are eying AR as a phone replacement.

AR glasses have wider potential than virtual reality gear, which effectively blindfolds you. The Magic Leap goggles, called Lightware, are translucent. When you wear them, it looks like a virtual world is painted on top of the real one — a creature is running around your desk, a web browser window

is hanging on your wall. There is, no doubt, a lot to be worked out for a new kind of computing device. But I'm surprised Magic Leap isn't further along on

See > MAGIC LEAP, A10



**Q&A WITH PATRICK MARSHALL** > A10 Moving to a new computer: a lot of questions, and answers

# Tesla's troubles keep growing as exec quits

**ACCOUNTING CHIEF'S EXIT SPURS NEW QUESTIONS** 

And CEO Musk smoking pot rattles investors

By NEAL E. BOUDETTE The New York Times

Two weeks after the collapse of a plan to buy out the company's public shareholders, electric-car maker Tesla has again been plunged into turmoil after its chief accounting officer suddenly resigned — after a month on the job - and Elon Musk, its chief executive, appeared on a late-night webcast taking a deep drag on what his interviewer said was a marijuana cigarette.

The developments, which brought new scrutiny of Musk's behavior and managerial fitness, rattled investors who have lately endured many challenges. Tesla shares ended the



Telsa Elon Musk smokes pot on

YouTube webcast Thursday night.

day off 6 percent and are at their lowest level since April.

But even the notion of a marijuana-smoking CEO seemed less disturbing to Tesla watchers than the departure of accounting chief Dave

His first day of work was Aug. 6. And by Morton's own account, the Tesla culture quickly proved to be a

"The level of public attention placed on the company, as well as the pace within the company, have exceeded my expectations," Morton said. "As a result, this caused me to reconsider my future."

He added, "I want to be clear that I believe strongly in Tesla, its mission and its future prospects, and I have no disagreements with Tesla's leadership or its financial report-

ing.' After the company dropped its pursuit of a stock buyout, it seemed ready to focus on production of the crucial Model 3 sedan and a push to deliver profits.B ut analysts said-Morton's exit — the latest in a growing exodus of top Tesla executives prompted new questions. about the

company. "Losing a chief accounting officer so quickly at a time when the company's finances are under pressure does not give good optics," said Mike Ramsey, an automotive analyst at Gartner. "It gives the implication that the executive was uncomfortable with the situation or with putting his name on something.'

# Ex-NFL player's ad lifts Nike

**SALES JUMP** 

Kaepernick featured in new campaign

By EBEN NOVY-WILLIAMS **Bloomberg News** 

Online sales of Nike apparel and shoes surged in the four days after quarterbackturned-activist Colin Kaepernick became the face of a new advertising campaign. Sales dipped in the same four-day period last year.

Nike's Kaepernick ad debuted Monday afternoon, a U.S. holiday, drawing immediate praise and ire from celebrities and customers

alike. From Sunday through Wednesday, product orders rose 27 percent, according to digital-commerce researcher Edison Trends,



Kaepernick, former NFL quarterback

which collects receipt data from more than 200 online vendors. In the same fourday period last year, product orders dropped 2 percent.

It's an early, if incomplete, look at how the world's largest sportswear company may fare after deliberately wading into a hot political topic. The decision to feature the former NFL player — he claims he's been illegally barred from the league for kneeling during the national anthem to protest racial inequality — has already drawn multiple criticisms from President Donald

Trump. On Friday morning Trump tweeted: "What was Nike thinking?"

It's not a big mystery. Nike thinks the campaign will create more business than it

Two-thirds of Nike's customers are younger than 35, and it's an ethnically diverse group. The company is looking to focus more on cities, and the demographic mix suggests outsize support for Kaepernick's actions.

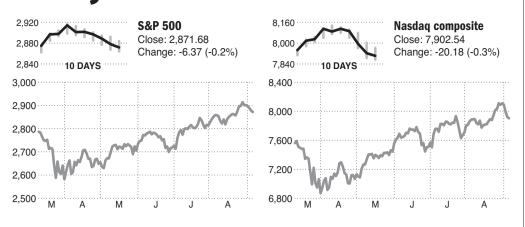
If the company miscalculated, it probably won't be obvious for a long time. The short-term data from Edison Trends includes both customers who went out and bought Nike gear to explicitly support the campaign.

It doesn't account for past Nike customers who say they'll never buy the company's shoes or apparel again.

Nike stock dipped 3.2 percent in the first day of trading after the ad was revealed. It's since rebounded a bit. Its \$80.30 closing price on Friday was about 2.2 percent below its pre-Kaepernick level.

> With assistance from Nancy Moran.

### **Money & Markets**



#### **Major indexes**

Dow Jones	LAST	% CHG
30 industrial	25,916.54	31
20 transp.	11,347.54	17
15 utilities	733.60	-1.12
Standard & Po	oor's LAST	% CHG
500 Stocks	2871.68	22
400 Mid-cap	2027.25	21
600 Small-cap	1081.15	27
NYSE	LAST	% CHG
US 100	10,630.73	09
Energy	11,507.39	19
Financial	8,041.43	46
Healthcare	15,858.29	+.21
Nasdaq	LAST	% CHG
Industrials	6,393.58	07
Financial	8,277.49	51
Nasd Global Se	l 3,710.82	26
Nasd Global M	kt 2,505.39	+.22
Other indexe	s LAST	% CHG
Wilshire 5000	29,919.29	24
Russell 1000	1 593 51	- 23

	,-		
Foreign mar	kets	LAST	% CHG
Frankfurt	11,9	59.63	+.04
London	7,2	77.70	56
Hong Kong	26,9	73.47	01
Mexico	48,9	71.14	+.53
Tokyo	22,3	07.06	80
Seoul	2,2	81.58	26
Singapore	3,1	34.39	42
Taipei	10,8	42.07	82
Toronto	16,0	90.27	07

Russell 2000

1,713.18

#### **NYSE**

Volume		2,918,2	59,170
Advanced		1,171,1	26,488
Declined		1,700,1	17,385
Unchanged		47,0	15,297
Gainers	LAST	CHG	% CHG
QuanexBld	19.45	+3.10	+19.0
BarnesNob	5.30	+.75	+16.5
GolLinhs s	5.42	+.51	+10.4
BluegVac n	19.50	+1.45	+8.0
CAI Intl	26.54	+1.84	+7.4
ABM	33.75	+2.21	+7.0
TurnPtBr n	39.80	+2.54	+6.8
Yext n	26.85	+1.63	+6.5
VolarisAv	7.87	+.46	+6.2
BristowGp	11.11	+.62	+5.9
Losers	LAST	CHG	% CHG
KornFer	40.07		
	48.97	-15.00	-23.4
MaidenHld n	15.55	-15.00 -2.20	-23.4 -12.4
MaidenHld n	15.55	-2.20	-12.4
MaidenHld n AmrRlty	15.55 14.51	-2.20 -1.89	-12.4 -11.5
MaidenHld n AmrRlty Maiden pfC	15.55 14.51 18.07	-2.20 -1.89 -1.93	-12.4 -11.5 -9.7
MaidenHld n AmrRlty Maiden pfC Navistr pfD	15.55 14.51 18.07 20.79	-2.20 -1.89 -1.93 -2.21	-12.4 -11.5 -9.7 -9.6
MaidenHld n AmrRlty Maiden pfC Navistr pfD MaidHld 43	15.55 14.51 18.07 20.79 19.08	-2.20 -1.89 -1.93 -2.21 -1.98	-12.4 -11.5 -9.7 -9.6 -9.4
MaidenHld n AmrRlty Maiden pfC Navistr pfD MaidHld 43 MaidnH pfD	15.55 14.51 18.07 20.79 19.08 15.90	-2.20 -1.89 -1.93 -2.21 -1.98 -1.55	-12.4 -11.5 -9.7 -9.6 -9.4 -8.9

active	(IN 00S)	LAST	% CHG
FordM	512086	9.27	-1.7
BkofAm	490102	30.86	
GenElec	458598	12.40	9
Twitter	314279	30.49	-1.0
SnapInc A r	n 264929	9.93	+1.3
AT&T Inc	257421	32.12	2
FrptMcM	256070	13.18	-2.9
Petrobras	241012	11.04	+3.9
WellsFargo	214703	57.40	9
Oracle	204963	47.81	+.2

Nost VOLUME

#### Nasdaq

Volume

2,061,430,161

Advanced		934,3	44,425
Declined		1,093,8	86,962
Unchanged		33,1	98,774
Gainers	LAST	CHG	% CHG
Okta n	71.92	+11.72	+19.5
MCBC n	34.57	+4.86	+16.4
Shiloh	10.08	+1.33	+15.2
ScholRck n	22.95	+2.79	+13.8
DicernaPh	14.81	+1.79	+13.7
BioLifeSol	21.19	+2.54	+13.6
FiveBelow	130.89	+15.38	+13.3
GrinrdSh n	8.57	+.92	+12.0
ZealndPh n	16.06	+1.69	+11.8
RigNet	21.05	+2.00	+10.5
Losers	LAST	CHG	% CHG
MercBkB n	10.00	-7.93	-44.2
eGain	8.75	-3.98	-31.2
MercBkA n	14.97	-5.28	-26.1
AuroraMob	n 7.83	-1.66	-17.5
RedViolt n	6.32	-1.28	-16.8
Polarity rs	20.54	-3.92	-16.0
ClemPhr n	10.24	-1.92	-15.8
ChemoCntx	10.77	-1.74	-13.9
Domo B n	19.26	-2.46	-11.3
Wheeler rs	5.03	61	-10.8

Most active	VOLUME (IN 00S)	LAST	% CH
AMD	1230754	27.38	-1.7
MicronT	467228	44.86	+.5
	274004	224 22	_

active	(114 003)	LAJI	70 CTTO
AMD	1230754	27.38	-1.7
MicronT	467228	44.86	+.5
Apple Inc	374004	221.30	8
MarvellTch	360171	19.45	1
JD.com	266113	26.95	-1.1
Intel	257925	46.45	-1.7
Qualcom	244136	70.38	
Facebook	241510	163.04	+.3
CronosGp r	n 240223	11.99	+3.2
Tesla Inc	224167	263.24	-6.3

#### **Northwest stocks**

Gainers	LAST	CHG	% CHG
BioLife Solutions	21.19	+2.54	+13.6
Data IO	5.63	+.45	+8.7
Smartsheet	28.67	+1.45	+5.3
RealNetworl	3.23	+.13	+4.2
Funko Inc	28.85	+1.13	+4.1
Digimarc	31.30	+1.10	+3.6
Expedia	128.82	+4.29	+3.4
Schmitt	2.75	+.08	+3.0
NanoString	16.63	+.41	+2.5
Losers	LAST	CHG	% CHG
PetIQ	38.65	-1.32	-3.3
Achieve Life	Sci 2.90	10	-3.3
Lattice	7.64	26	-3.3
BoiseCascad	42.05	-1.40	-3.2
ElectroSci	18.39	60	-3.2
AptevoTher	5.18	16	-3.0
Timberland	33.30	91	-2.7
TrueBlue	28.15	75	-2.6
Trupanion	36.49	88	-2.4
	30.43	.00	2.1
Most	OLUME	.00	

active	(114 003)	LAST	70 0110
MicronT	467228	44.86	+.5
Microsoft	222730	108.21	5
Starbucks	101558	54.86	+1.2
Nike	66288	80.30	1
Amazon	485651	1952.07	3
HeclaMin	40831	2.71	-2.2
Boeing	39177	349.28	6
Fortive	37400	84.59	+.5
Evnedia	30407	128 82	+3.4

Prime rate

Discount rate

Fed funds rate

(Wash avg., \$10K)

Wash. mortgage

(Avg 30-yr fixed

Money market acct. 0.39

5.00

4.45

1.75-2.00 1.75-2.00

5.00

2.50

0.38

4.40

#### Northwest Stocks

WK VOL (000s) LOW

Prices for most active publicly held companies in Washington, Oregon and Idaho. Footnote definitions: http://markets.ap.org/footnotes.htm

52-WEEK

HIGH

 $\mathsf{CHG}$ 

Alaska   1	COMPANY W	K VOL (UUUS)	LUW	KANGE	нин	LAST	СНО	СНС
AlderBillo								-3.3
Alpine Immume Sci         46         5.28         —         12.87         6.69         -01         -0.3           AnchorBanc         6         24.00         —         30.05         29.00         -0.4         -0.4           Appteon         1.735         1.65         —         39.58         38.81         -1.6         -1.6           Apteorhier         350         1.70         —         6.35         5.18         -1.6         -1.6           Avista         2,399         47.50         —         6.29         15.154         -0.6         -0.0           Barrettus         1.84         51.77         —         98.76         71.84         -1.22         -1.7           Barrettus         1.34         23.42         —         374.88         342.05         -1.49         -0.6           Boeing         1.341         234.22         —         374.88         342.05         -1.49         -1.5         -5.55         2.45         -1.5         -5.5         -1.45         -5.5         -4.5         -1.6         -0.3         -2.6         -1.1         -0.2         -1.0         -1.0         -1.0         -1.0         -1.0         -1.0         -1.0         -1.0 <td< td=""><td>Alaska Air</td><td></td><td></td><td>•</td><td>82.68</td><td>66.88</td><td></td><td>-0.2</td></td<>	Alaska Air			•	82.68	66.88		-0.2
Amazon 26,763 931,75	AlderBio	2,274	9.20	<b></b>	20.87	18.15	+.05	+0.3
Anchorbanc 6 24,00	Alpine Immune	Sci 46	5.28	<b>-</b>	12.87	6.69	01	-0.1
Apptio 1,735	Amazon	26,763	931.75	<b></b>	2050.50	1952.07	-6.24	-0.3
Aptevorher  350  1.70  4.0	AnchorBanc	6	24.00	<b>─</b>	30.05	29.00	04	-0.1
Avalara  1,184  32.10  59.40  41.22  43.93  47.50  59.40  6.63  41.42  4.06  59.40  6.03  4.42  4.06  59.40  6.03  4.42  4.06  59.40  6.03  4.42  4.06  59.40  6.03  4.42  4.06  59.40  6.03  4.42  4.06  59.40  6.03  4.42  4.06  59.40  6.03  4.42  4.06  59.40  6.03  4.42  4.06  59.40  6.03  4.42  4.06  59.40  6.03  4.42  4.06  59.40  6.03  4.42  4.06  59.40  6.03  4.43  59.40  59.40  6.03	Apptio	1,735	16.56	<b>─</b>	39.58	38.81	+.62	+1.6
Avalara  1,184  32.10  59.40  41.22  43.93  47.50  59.40  6.63  41.42  4.06  59.40  6.03  4.42  4.06  59.40  6.03  4.42  4.06  59.40  6.03  4.42  4.06  59.40  6.03  4.42  4.06  59.40  6.03  4.42  4.06  59.40  6.03  4.42  4.06  59.40  6.03  4.42  4.06  59.40  6.03  4.42  4.06  59.40  6.03  4.42  4.06  59.40  6.03  4.42  4.06  59.40  6.03  4.42  4.06  59.40  6.03  4.43  59.40  59.40  6.03	AptevoTher	350	1.70	<b></b>	6.35	5.18	16	-3.0
Awista 2,399 47.50	•			<b>→</b>				+1.0
Banner Corp				<b>─</b>				-0.1
Barrettlus								
BioLife Solutions 2,372								
Boeing								
Bolseckascal 1,568 29.30		•						
Baquare   36								
Cri BioPharm								
CUI Global 153 2.14	•							
ClearSign   264   1.65	CTI BioPharm	1,054	1.70	<b>\$</b>	5.36	1.85		-0.5
Clearwater   487   21.55   → 50.60   28.55   -1.15   -0.5	CUI Global	153	2.14	<b>\$</b>	4.35	2.16	02	-0.9
Clearwater 487 21.55	ClearSign	264	1.65	<b>~</b>	4.70	1.95		
Coastal Financial 25	_	487	21.55	-\$	50.60	28.55		-0.5
ColumbBank   960   35.67   → 85.58   90.73   2.66   0.00				<del></del>				
ColumbSport								
Costo								
CraftBrew Craft Brew								
Cray         860         17.90         →         28.60         21.20         +.05         +0.2           Data IO         327         4.88         →         16.49         5.63         +.45         +9.2           Digimarc         190         22.85         →         39.95         31.30         +1.10         +3.6           ElectroSci         3,380         11.81         →         27.72         18.39         -60         -3.2           Esterline         379         67.15         →         96.95         85.10         +1.0         +0.1           Expeditors         4,504         56.23         →         78.16         74.81         -67         -0.5           FS Networks         2,014         114.63         →         19.29         190.11         -07         -0.5           FILR Sys         3,607         37.66         →         63.36         62.08         -97         -1.5           FIS Bancorp         103         47.50         →         66.40         58.48         -0.2         -0.2         Fisterinkinkink         48         13.13         →         21.28         17.34         +1.7         +1.1         +1.1         +1.1         +1.1         <		,						
Data 10 327 4.88								
Digimarc  190 22.85	-							
ElectroSci 3,380 11.81		327	4.88		16.49	5.63	+.45	+8.7
eMagin 290 1.23	Digimarc	190	22.85	→	39.95	31.30	+1.10	+3.6
eMagin 290 1.23		3,380	11.81		27.72	18.39	60	-3.2
Esterline 379 67.15			1.23	<b>-</b>	2.30			+3.2
Expeditors 4,504 56.23	-							+0.1
Expeditors 4,504 56.23								
F5 Networks		,						
FLIR Sys   3,607   37,66   → 63,36   62,08  97   -1.5   FS Bancorp   103   47,50   → 66,40   58,48  02     First FinNW   84   13,13   → 21,82   17,34   +.17   +1.6   Fortive   19,419   64,62   → 85,12   84,59   +.43   +0.5   Foreinthion   2,960   2,62   → 5,54   2,71  06   -2.2   HeclaMin   22,560   2,62   → 5,54   2,71  06   -2.2   HeritageFin   636   25,25   → 37,38   36,60   +.10   +0.3   HomeStreet   246   24,20   → 32,60   28,30   +.10   +0.4   Idacorp   657   79,59   → 100,84   99,86  45   -0.4   Impini   969   9,95   → 41,97   19,10   +.15   +0.8   Impini   969   9,95   → 41,97   19,10   +.15   +0.8   Impini   969   9,95   → 41,97   19,10   +.15   +0.8   Ittellicheck   72   1,50   → 3,18   1,98  15   7.0   Isoray   5,392   0,36   → 1,22   53   -0.2   4.2   Ittron   928   55,26   → 79,95   65,80       IkewettCam   10   6,50   → 8,96   8,50       IkeyTronic   20   6,70   → 8,60   7,73  13   -1.7   IstithiaMot   939   78,85   → 127,99   82,09   -5.3   -0.6   Microsoft   123,148   72,92   112,78   108,21   -5.3   -0.5   Microsoft   123,148   72,92   112,78   108,21   -5.3   -0.5   Microsoft   123,148   72,92   112,78   108,21   -5.3   -0.5   Nondstrom   13,380   37,79   → 66,30   65,72   +6.1   +0.5   Mixing   47,354   50,35   → 83,68   80,30   -10   -0.1   NINKe   47,354   50,35   → 83,68   80,30   -10   -0.1   Nondstrom   13,380   37,79   → 66,30   65,72   +6.1   +0.5   Mixing   47,354   50,35   → 83,65   -1,32   -3.3   -2.7   NUMYIGa   432   51,50   → 69,50   66,35   -2.5   -0.4   NUMYIGa   432   51,50   → 69,50   66,35   -2.5   -0.4   NUMYIGa   432   51,50   → 60,50   66,35   -2.5   -0.4   NUMYIGa   47,354   50,35   → 83,65   47,30   -7.0   -1.7   NuPipe   92   16,60   → 75,05   66,35   -7.5   -1.0   Numordstrom   13,380   37,79   → 66,30   65,72   +6.1   -0.5   Numordstrom   1	•							
FS Bancorp FS Bancorp FS Bancorp FS Bancorp FirstFinNW FirstFinNW FirstFinNW FINNW FINNW FINNE FUNKO Inc Fortive FUNKO Inc J., 19419 FORTIVE								
FirstFinNW 84 13.13 → 21.82 17.34 +.17 +1.0 fortive 19.419 64.62 → 85.12 84.59 +.43 +0.5 fortive 19.419 64.62 → 85.12 84.59 +.43 +0.5 forenbrier 1.618 41.95 → 60.90 56.60 -1.30 -2.2 fleritageFin 22.560 2.62 → 5.54 2.71 -0.6 -2.2 fleritageFin 636 25.25 → 37.38 36.60 +1.10 +0.3 floatorp 657 79.59 → 100.84 99.8645 -0.4 floatorp 657 79.59 → 100.84 19.90 floatorp 1.15 +0.8 floatorp 1.22 5.3 -0.0 4.197 19.10 +1.15 +0.8 floatorp 1.22 5.3 -0.2 4.2 5.3 -0.2 4.2 floatorp 1.22 5.3 -0.2 floatorp 1.23 5.2 fl								-1.5
Fortive 19,419 64.62								
Funko Inc Greenbrier 1,618 41.95	FirstFinNW		13.13	<b>-</b>	21.82	17.34	+.17	+1.0
Greenbrier HeclaMin 22,560 2.62	Fortive	19,419	64.62	<b>─</b>	85.12	84.59	+.43	+0.5
Greenbrier	Funko Inc	3,914	5.81	<b>─</b>	28.38	28.85	+1.13	+4.1
HeclaMin 22,560 2,62	Greenbrier		41.95	<b>─</b>	60.90	56.60	-1.30	-2.2
HeritageFin 636 25.25								
HomeStreet 246 24.20								
Indiagraphic   G57   79.59   → 100.84   99.86  45   -0.48	-							
ImmuneDes								
Implin   969   9.95								
Intellicheck								
SoRay   5,392   0.36	Impinj		9.95	<b>→</b>	41.97	19.10	+.15	+0.8
Itron	Intellicheck	72	1.50	<b>→</b>	3.18	1.98	15	-7.0
	IsoRay	5,392	0.36	<b>-</b>	1.22	.53	02	-4.2
	ltron	928	55.26	<b>→</b>	79.95	65.80		
KeyTronic         20         6.70         →         8.60         7.73         .13         -1.7           Lattice         5,960         5.05         →         8.40         7.64         .26         -3.3           LithiaMot         939         78.85         →         127.99         82.09         .53         -0.6           Microsoft         123,148         72.92         →         112.78         108.21         .53         -0.5           Microsoft         123,148         72.92         →         112.78         108.21         .53         -0.5           Microvision         7,612         0.89         3.25         1.08         .03         -2.7           nLIGHT Inc         3,653         22.14         →         43.63         27.04         -37         -1.3           Nautilus         552         11.30         →         17.38         14.05         -15         -1.1           Nike         47,354         50.35         →         83.68         80.30         -10         -0.1           Nordstrom         13,380         37.79         →         66.30         5.22         +61         +0.9           NWPipe         92         16.60 <td></td> <td></td> <td>6.50</td> <td><b></b></td> <td></td> <td></td> <td></td> <td></td>			6.50	<b></b>				
Lattice 5,960 5.05								
LithiaMot 939 78.85	-							
Marchex         106         2.51         →         3.20         2.82         +.01         +0.2           Microosft         123,448         31.65         →         64.66         44.86         +.21         +0.5           Microvision         7,612         0.89         →         3.25         1.08         -0.3         -2.7           nLIGHT Inc         3,653         22.14         →         43.63         27.04         -37         -1.3           Nautilus         552         11.30         →         17.38         14.05        15         -1.1           Nike         47,354         50.35         →         83.68         80.30         -10         -0.1           Nordstrom         13,380         37.79         →         66.30         65.72         +.61         +0.9           NWPipe         92         16.60         →         22.00         17.96         +.07         +0.4           Omeros         3,204         8.36         →         79.69         60.01        17         +0.2           Papa Murph         55         4.40         →         6.50         5.31         -0.3         +0.6           PetlQ         3,595								
MicronT         212,841         31.65         →         64.66         44.86         +.21         +0.5           Microsoft         123,148         72.92         →         112.78         108.21         .53         -0.5           Microvision         7,612         0.89         3.25         1.08         -0.3         -2.7           nulGHT Inc         3,653         22.14         →         43.63         27.04         -37         -1.3           NanoString         951         5.87         →         16.75         16.63         +.41         +2.5           Nike         47,354         50.35         →         83.68         80.30        10         -0.1           Nordstrom         13,380         37.79         →         66.30         65.72         +.61         +0.9           NWPipe         92         16.60         →         22.00         17.96         +.07         +0.4           Peaccar         9,624         83.6         →         26.97         25.29         +.53         +2.1           Peacar         9,624         83.6         →         26.90         69.01         -17         -0.2           PagapaMurph         55 <th< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></th<>								
Microsoft       123,148       72.92       →       112.78       108.21      53       -0.5         Microvision       7,612       0.89       →       3.25       1.08      03       -2.7         Microvision       7,612       0.89       →       3.25       1.08      03       -2.7         NanoString       951       5.87       →       16.75       16.63       +.41       +2.5         Nautilus       552       11.30       →       17.38       14.05      15       -1.1         Nike       47,354       50.35       →       83.68       80.30      10       -0.1         NWAIGAS       432       51.50       →       66.30       65.72       +.61       +0.9         NWPipe       92       16.60       →       22.00       17.96       +.07       +0.4         Omeros       3,204       8.36       →       26.97       25.29       +.53       +2.1         PapaMurph       55       4.40       →       6.50       5.31      03       -0.6         PettQ       3,595       17.03       →       41.89       38.65       -1.32       -3.3         PotlatchD								
Microvision 7,612 0.89		,		•				
nLIGHT Inc         3,653         22.14         →         43.63         27.04        37         -1.3           NanoString         951         5.87         →         16.75         16.63         +.41         +2.5           Nautilus         552         11.30         →         17.38         14.05        15         -1.1           Nike         47,354         50.35         →         83.68         80.30        10         -0.1           Nordstrom         13,380         37.79         →         66.30         65.72         +.61         +0.2           NWPipe         92         16.60         →         22.00         17.96         +.07         +0.4           Omeros         3,204         8.36         →         26.97         25.29         +.53         +2.1           Paccar         9,624         59.82         →         79.69         69.01        17         -0.2           PapaMurph         55         4.40         →         65.50         5.31        03         -0.5           PettQ         3,595         17.03         →         41.89         38.65         -1.32         -3.3           PottlandGen         1,514								
NanoString         951         5.87         →         16.75         16.63         +.41         +2.5           Nautilus         552         11.30         →         17.38         14.05        15         -1.1           Nike         47,354         50.35         →         83.68         80.30        10         -0.1           Nordstrom         13,380         37.79         →         66.30         65.72         +.61         +0.5           NWPipe         92         16.60         →         22.00         17.96         +.07         +0.4           Omeros         3,204         8.36         →         26.97         25.29         +.53         +2.1           Paccar         9,624         59.82         →         79.69         69.01        17         +0.2           PapaMurph         55         4.40         →         6.50         5.31         -0.3         -0.6           PetlQ         3,595         17.03         →         41.89         38.65         -1.32         -3.3           PopeResourc         14         66.60         →         73.50         72.56         +0.1           PotlatchDeltic         1,384         44.88				<b>~</b>				
Nautilus 552 11.30	nLIGHT Inc	3,653	22.14		43.63	27.04	37	-1.3
Nike 47,354 50.35	NanoString	951	5.87	<b></b>	16.75	16.63	+.41	+2.5
Nike 47,354 50.35	Nautilus	552	11.30	<b>-</b>	17.38	14.05	15	-1.1
Nordstrom 13,380 37.79 NWNatGas 432 51.50 → 69.50 66.35 -25 -0.4 NWPipe 92 16.60 → 22.00 17.96 +.07 +0.4 0meros 3,204 8.36 → 26.97 25.29 +.53 +2.1 PapaMurph 55 4.40 → 6.50 5.31 -0.3 -0.6 PetIQ 3,595 17.03 → 41.89 38.65 -1.32 -3.3 PopeResourc 14 66.60 → 73.50 72.56 +.01 PortlandGen 1,514 39.02 → 50.11 47.04 -33 -0.7 PotlatchDeltic 1,384 44.88 → 56.35 47.30 -70 -1.5 RadiantLog 686 3.46 → 5.45 4.48 +.11 +2.5 RealNetwork 180 2.63 → 5.00 3.23 +.13 +4.2 RedLionH 503 7.00 → 14.75 13.05 +.15 +1.2 Redfin 3,708 RiverviewB 106 7.65 → 9.99 9.7711 -1.1 Schmitt 74 1.65 → 4.47 2.75 +.08 +3.0 Schmitzer 1,205 25.00 → 38.85 26.45 -25 -25 SeattleGen 2,788 47.75 → 77.41 77.45 +1.00 +1.3 Starbucks 34,740 47.37 → 61.94 54.86 +.65 +1.2 T-MobileUS 10,705 54.60 → 66.64 64.39 -1.13 -1.7 TimberlandB 27 25.50 → 39.45 33.30 -91 -91 -91 -91 -91 -91 -91 -91 -91 -91	Nike		50.35	<b></b>	83.68	80.30	10	-0.1
NWNatGas 432 51.50	Nordstrom			<b></b>				
NWPipe Omeros 3,204 8.36		,						
Omeros         3,204         8.36         →         26.97         25.29         +.53         +2.1           Paccar         9,624         59.82         →         79.69         69.01        17         -0.2           PapaMurph         55         4.40         →         6.50         5.31        03         -0.6           PetIQ         3,595         17.03         →         41.89         38.65         -1.32         -3.3           PopeResourc         14         66.60         →         73.50         72.56         +.01            PortlandGen         1,514         39.02         →         50.11         47.04        33         -0.7           PotlatchDeltic         1,384         44.88         →         56.35         47.30        70         -1.5           RadiSys         1,704         0.53         →         1.73         1.57             Realintbug         686         3.46         →         5.45         4.48         +.11         +2.5           RealNetwork         180         2.63         →         5.00         3.23         +.13         +4.2           Redfin         3,708								
Paccar         9,624         59.82         →         79.69         69.01         .17         -0.2           PapaMurph         55         4.40         →         6.50         5.31         .03         -0.6           PetIQ         3,595         17.03         →         41.89         38.65         -1.32         -3.3           PopeResourc         14         66.60         →         73.50         72.56         +.01            PortlandGen         1,514         39.02         →         50.11         47.04        33         -0.7           PotlatchDeltic         1,384         44.88         →         56.35         47.30        70         -1.5           RadiSys         1,704         0.53         →         1.73         1.57             RadiSys         1,704         0.53         →         5.45         4.48         +.11         +2.5           RealintLog         686         3.46         →         5.45         4.48         +.11         +2.5           RedLionH         503         7.00         →         14.75         13.05         +.15         +1.2           Redfin         3,708								
PapaMurph       55       4.40       →       6.50       5.31       .03       -0.6         PetIQ       3,595       17.03       →       41.89       38.65       -1.32       -3.3         PopeResourc       14       66.60       →       73.50       72.56       +.01          PortlatchDeltic       1,384       44.88       →       56.35       47.30      70       -1.5         RadiSys       1,704       0.53       →       1.73       1.57           RadiantLog       686       3.46       →       5.45       4.48       +.11       +2.5         Readlintlog       686       3.46       →       5.00       3.23       +.13       +4.2         Redfin       3,708       16.69       →       31.50       19.73       +.01       +0.1         Redfin       3,708       16.69       →       31.50       19.73       +.01       +0.1         RiverviewB       106       7.65       →       9.99       9.77      11       +1.1         Schnitzer       1,205       25.00       →       38.85       26.45       -25       -0.9         SeattleGen								
PetIQ         3,595         17.03         →         41.89         38.65         -1.32         -3.3           PopeResourc         14         66.60         →         73.50         72.56         +.01            PortlandGen         1,514         39.02         →         50.11         47.04        33         -0.7           PotlatchDeltic         1,384         44.88         →         56.35         47.30        70         -1.5           Redisolys         1,704         0.53         →         1.73         1.57             Redisolys         1,704         0.53         →         5.45         4.48         +.11         +2.5           Realintlog         686         3.46         →         5.45         4.48         +.11         +2.5           RedLionH         503         7.00         →         14.75         13.05         +.15         +1.2           Redfin         3,708         16.69         →         31.50         19.73         +.01         +0.1         +1.2           Schmitt         74         1.65         →         4.47         2.75         +.08         +3.0           Schmitzer								
PopeResourc         14         66.60         →         73.50         72.56         +.01            PortlandGen         1,514         39.02         →         50.11         47.04        33         -0.7           PotlatchDeltic         1,384         44.88         →         56.35         47.30        70         -1.5           RadiSys         1,704         0.53         →         1.73         1.57             RediantLog         686         3.46         →         5.45         4.48         +.11         +2.5           RedlionH         503         7.00         →         14.75         13.05         +.15         +1.2           Redfin         3,708         16.69         →         31.50         19.73         +.01         +0.1           RiverviewB         106         7.65         →         9.99         9.77        11         -1.1           Schmitt         74         1.65         →         4.47         2.75         +.08         +3.0           Schnitzer         1,205         25.00         →         38.85         26.45        25         -0.9           ScattleGen         2,788 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>-0.6</td>								-0.6
PortlandGen         1,514         39.02         →         50.11         47.04         .33         -0.7           PotlatchDeltic         1,384         44.88         →         56.35         47.30        70         -1.5           RadiSys         1,704         0.53         →         1.73         1.57             RadiantLog         686         3.46         →         5.45         4.48         +.11         +2.5           RealNetwork         180         2.63         →         5.00         3.23         +.13         +4.2           RedLionH         503         7.00         →         14.75         13.05         +.15         +1.2           Redfin         3,708         16.69         →         31.50         19.73         +.01         +0.1           ReiverviewB         106         7.65         →         9.99         9.77        11         -1.1           Schmitt         74         1.65         →         4.47         2.75         +.08         +0.1           Schnitzer         1,205         25.00         →         38.85         26.45        25         -0.9           ScattleGen         2,788	_	,		<b>─</b>				-3.3
PotlatchDeltic 1,384	•							
RadiSys       1,704       0.53       →       1.73       1.57           RadiantLog       686       3.46       →       5.45       4.48       +.11       +2.5         RealNetwork       180       2.63       →       5.00       3.23       +.13       +4.2         RedLionH       503       7.00       →       14.75       13.05       +.15       +1.2         Redfin       3,708       16.69       →       31.50       19.73       +.01       +0.1         RiverviewB       106       7.65       →       9.99       9.77      11       -1.1         Schmitt       74       1.65       →       4.47       2.75       +.08       +3.0         Schnitzer       1,205       25.00       →       38.85       26.45      25       -0.9         ScattleGen       2,788       47.75       →       77.41       77.45       +1.00       +1.3         SoundFinan       13       31.70       →       40.87       39.85       -1.8       -0.4         Starbucks       34,740       47.37       →       61.94       54.86       +.65       +1.2         T-MobileUS<	PortlandGen	1,514	39.02	<b>─</b>	50.11	47.04	33	-0.7
RadiantLog       686       3.46       →       5.45       4.48       +.11       +2.5         RealNetwork       180       2.63       →       5.00       3.23       +.13       +4.2         RedLionH       503       7.00       →       14.75       13.05       +.15       +1.2         Redfin       3,708       16.69       →       31.50       19.73       +.01       +0.1         RiverviewB       106       7.65       →       9.99       9.77      11       -1.1         Schmitt       74       1.65       →       4.47       2.75       +.08       +3.0         Schnitzer       1,205       25.00       →       38.85       26.45      25       -0.9         ScattleGen       2,788       47.75       →       77.41       77.45       +1.00       +1.3         SoundFinan       13       31.70       →       40.87       39.85      18       -0.4         Starbucks       34,740       47.37       →       61.94       54.86       +.65       +1.2         T-MobileUS       10,705       54.60       →       66.64       64.39       -1.13       -1.7         T	PotlatchDeltic	1,384	44.88	<b>~</b>	56.35	47.30	70	-1.5
RadiantLog       686       3.46       →       5.45       4.48       +.11       +2.5         RealNetwork       180       2.63       →       5.00       3.23       +.13       +4.2         RedLionH       503       7.00       →       14.75       13.05       +.15       +1.2         Redfin       3,708       16.69       →       31.50       19.73       +.01       +0.1         RiverviewB       106       7.65       →       9.99       9.77      11       -1.1         Schmitt       74       1.65       →       4.47       2.75       +.08       +3.0         Schnitzer       1,205       25.00       →       38.85       26.45      25       -0.9         ScattleGen       2,788       47.75       →       77.41       77.45       +1.00       +1.3         SoundFinan       13       31.70       →       40.87       39.85      18       -0.4         Starbucks       34,740       47.37       →       61.94       54.86       +.65       +1.2         T-MobileUS       10,705       54.60       →       66.64       64.39       -1.13       -1.7         T				<b></b>				
RealNetwork         180         2.63         →         5.00         3.23         +.13         +4.2           RedLionH         503         7.00         →         14.75         13.05         +.15         +1.2           Redfin         3,708         16.69         →         31.50         19.73         +.01         +0.3           RiverviewB         106         7.65         →         9.99         9.77        11         -1.1           Schmitt         74         1.65         →         4.47         2.75         +.08         +3.0           Schnitzer         1,205         25.00         →         38.85         26.45        25         -0.9           ScattleGen         2,788         47.75         →         77.41         77.45         +1.00         +1.3           SoundFinan         13         31.70         →         40.87         39.85        18         -0.4           Starbucks         34,740         47.37         →         61.94         54.86         +.65         +1.2           T-MobileUS         10,705         54.60         →         66.64         64.39         -1.13         -1.7           Tableau         3,548								+2.5
RedLionH       503       7.00       →       14.75       13.05       +.15       +1.2         Redfin       3,708       16.69       →       31.50       19.73       +.01       +0.1         RiverviewB       106       7.65       →       9.99       9.77      11       -1.1         Schmitt       74       1.65       →       4.47       2.75       +.08       +3.0         Schnitzer       1,205       25.00       →       38.85       26.45      25       -0.9         SeattleGen       2,788       47.75       →       77.41       77.45       +1.00       +1.3         Smartsheet       3,191       18.06       →       33.98       28.67       +1.45       +5.3         SoundFinan       13       31.70       →       40.87       39.85      18       -0.4         Starbucks       34,740       47.37       →       61.94       54.86       +65       +1.2         T-MobileUS       10,705       54.60       →       66.64       64.39       -1.13       -1.7         Tableau       3,548       68.37       →       114.82       113.90       +.86       +0.8	_							
Redfin       3,708       16.69       →       31.50       19.73       +.01       +0.1         RiverviewB       106       7.65       →       9.99       9.77      11       -1.1         Schmitt       74       1.65       →       4.47       2.75       +.08       +3.0         Schnitzer       1,205       25.00       →       38.85       26.45      25       -0.9         SeattleGen       2,788       47.75       →       77.41       77.45       +1.00       +1.3         Smartsheet       3,191       18.06       →       33.98       28.67       +1.45       +5.3         SoundFinan       13       31.70       →       40.87       39.85      18       +5.3         Starbucks       34,740       47.37       →       61.94       54.86       +65       +1.2         T-MobileUS       10,705       54.60       →       66.64       64.39       -1.13       -1.7         Tableau       3,548       68.37       →       114.82       113.90       +.86       +0.8         TimberlandB       27       25.50       →       39.45       33.30       -91       -2.7								
RiverviewB       106       7.65       →       9.99       9.77      11       -1.1         Schmitt       74       1.65       →       4.47       2.75       +.08       +3.0         Schnitzer       1,205       25.00       →       38.85       26.45      25       -0.9         SeattleGen       2,788       47.75       →       77.41       77.45       +1.00       +1.3         Smartsheet       3,191       18.06       →       33.98       28.67       +1.45       +5.3         SoundFinan       13       31.70       →       40.87       39.85      18       -0.4         Starbucks       34,740       47.37       →       61.94       54.86       +.65       +1.2         T-MobileUS       10,705       54.60       →       66.64       64.39       -1.13       -1.7         Tableau       3,548       68.37       →       114.82       113.90       +.86       +0.8         TimberlandB       27       25.50       →       39.45       33.30       -91       -2.7         TrueBlue       848       20.00       →       29.85       28.15      75       -2.6								
Schmitt       74       1.65       →       4.47       2.75       +.08       +3.0         Schnitzer       1,205       25.00       →       38.85       26.45      25       -0.9         SeattleGen       2,788       47.75       →       77.41       77.45       +1.00       +1.3         Smartsheet       3,191       18.06       →       33.98       28.67       +1.45       +5.3         SoundFinan       13       31.70       →       40.87       39.85      18       -0.4         Starbucks       34,740       47.37       →       61.94       54.86       +.65       +1.2         T-MobileUS       10,705       54.60       →       66.64       64.39       -1.13       -1.7         Tableau       3,548       68.37       →       114.82       113.90       +.86       +0.8         TimberlandB       27       25.50       →       39.45       33.30      91       -2.7         TrueBlue       848       20.00       →       29.85       28.15      75       -2.6         USEcology       316       44.50       →       75.05       76.00       +1.05       +1.4      <								
Schnitzer       1,205       25.00       →       38.85       26.45      25       -0.9         SeattleGen       2,788       47.75       →       77.41       77.45       +1.00       +1.3         Smartsheet       3,191       18.06       →       33.98       28.67       +1.45       +5.3         SoundFinan       13       31.70       →       40.87       39.85      18       -0.4         Starbucks       34,740       47.37       →       61.94       54.86       +.65       +1.2         T-MobileUS       10,705       54.60       →       66.64       64.39       -1.13       -1.7         Tableau       3,548       68.37       →       114.82       113.90       +.86       +0.8         TimberlandB       27       25.50       →       39.45       33.30      91       -2.7         TrueBlue       848       20.00       →       29.85       28.15      75       -2.6         USEcology       316       44.50       →       75.05       76.00       +1.05       +1.4         Umpqua       4,602       16.77       →       24.89       21.66       +.13       +0.6								-1.1
SeattleGen       2,788       47.75       →       77.41       77.45       +1.00       +1.35         Smartsheet       3,191       18.06       →       33.98       28.67       +1.45       +5.35         SoundFinan       13       31.70       →       40.87       39.85      18       -0.4         Starbucks       34,740       47.37       →       61.94       54.86       +.65       +1.2         T-MobileUS       10,705       54.60       →       66.64       64.39       -1.13       -1.7         Tableau       3,548       68.37       →       114.82       113.90       +.86       +0.8         TimberlandB       27       25.50       →       39.45       33.30      91       -2.7         TrueBlue       848       20.00       →       29.85       28.15      75       -2.6         Trupanion       1,567       20.52       →       46.70       36.49      88       -2.4         USEcology       316       44.50       →       75.05       76.00       +1.05       +1.4         Umpqua       4,602       16.77       →       24.89       21.66       +.13       +0.6 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>+3.0</td>								+3.0
SeattleGen       2,788       47.75       →       77.41       77.45       +1.00       +1.35         Smartsheet       3,191       18.06       →       33.98       28.67       +1.45       +5.35         SoundFinan       13       31.70       →       40.87       39.85      18       -0.4         Starbucks       34,740       47.37       →       61.94       54.86       +.65       +1.2         T-MobileUS       10,705       54.60       →       66.64       64.39       -1.13       -1.7         Tableau       3,548       68.37       →       114.82       113.90       +.86       +0.8         TimberlandB       27       25.50       →       39.45       33.30      91       -2.7         TrueBlue       848       20.00       →       29.85       28.15      75       -2.6         Trupanion       1,567       20.52       →       46.70       36.49      88       -2.4         USEcology       316       44.50       →       75.05       76.00       +1.05       +1.4         Umpqua       4,602       16.77       →       24.89       21.66       +.13       +0.6 <td>Schnitzer</td> <td>1,205</td> <td>25.00</td> <td></td> <td>38.85</td> <td>26.45</td> <td>25</td> <td>-0.9</td>	Schnitzer	1,205	25.00		38.85	26.45	25	-0.9
Smartsheet       3,191       18.06       →       33.98       28.67       +1.45       +5.3         SoundFinan       13       31.70       →       40.87       39.85      18       -0.4         Starbucks       34,740       47.37       →       61.94       54.86       +.65       +1.2         T-MobileUS       10,705       54.60       →       66.64       64.39       -1.13       -1.7         Tableau       3,548       68.37       →       114.82       113.90       +.86       +0.8         TimberlandB       27       25.50       →       39.45       33.30      91       -2.7         TrueBlue       848       20.00       →       29.85       28.15      75       -2.6         Trupanion       1,567       20.52       →       46.70       36.49      88       -2.4         USEcology       316       44.50       →       75.05       76.00       +1.05       +1.4         Umpqua       4,602       16.77       →       24.89       21.66       +1.3       +0.6         WashFed       1,104       29.80       →       37.70       34.15       +1.0       +0.3	SeattleGen	2,788	47.75	<b>─</b>		77.45	+1.00	+1.3
SoundFinan       13       31.70       →       40.87       39.85      18       -0.4         Starbucks       34,740       47.37       →       61.94       54.86       +.65       +1.2         T-MobileUS       10,705       54.60       →       66.64       64.39       -1.13       -1.7         Tableau       3,548       68.37       →       114.82       113.90       +.86       +0.8         TimberlandB       27       25.50       →       39.45       33.30      91       -2.7         TrueBlue       848       20.00       →       29.85       28.15      75       -2.6         Trupanion       1,567       20.52       →       46.70       36.49      88       -2.4         USEcology       316       44.50       →       75.05       76.00       +1.05       +1.4         USGeothermal       3.11       →       5.50       5.45           WashFed       1,104       29.80       →       37.70       34.15       +.10       +0.3         Weyerhaeus       11,490       31.83       →       38.39       34.06       -,48       -1.4         Willa								+5.3
Starbucks       34,740       47.37       →       61.94       54.86       +.65       +1.2         T-MobileUS       10,705       54.60       →       66.64       64.39       -1.13       -1.7         Tableau       3,548       68.37       →       114.82       113.90       +.86       +0.8         TimberlandB       27       25.50       →       39.45       33.30      91       -2.7         TrueBlue       848       20.00       →       29.85       28.15      75       -2.6         Trupanion       1,567       20.52       →       46.70       36.49      88       -2.4         USEcology       316       44.50       →       75.05       76.00       +1.05       +1.4         USGeothermal       3.11       →       5.50       5.45           Umpqua       4,602       16.77       →       24.89       21.66       +.13       +0.3         Weyerhaeus       11,490       31.83       →       38.39       34.06       -,48       -1.4         WillametteV       6       7.81       →       8.86       8.09       +.09       +1.1         Zillow <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>-0.4</td>								-0.4
T-MobileUS 10,705 54.60								
Tableau       3,548       68.37       →       114.82       113.90       +.86       +0.8         TimberlandB       27       25.50       →       39.45       33.30      91       -2.7         TrueBlue       848       20.00       →       29.85       28.15      75       -2.6         Trupanion       1,567       20.52       →       46.70       36.49      88       -2.4         USEcology       316       44.50       →       75.05       76.00       +1.05       +1.4         USGeothermal       3.11       →       5.50       5.45            Umpqua       4,602       16.77       →       24.89       21.66       +.13       +0.8         Weyerhaeus       11,490       31.83       →       38.39       34.06       -48       -1.4         WillametteV       6       7.81       →       8.86       8.09       +.09       +1.1         Zillow       2,697       37.96       →       65.42       44.47       +.24       +0.5								
TimberlandB       27       25.50       →       39.45       33.30      91       -2.7         TrueBlue       848       20.00       →       29.85       28.15      75       -2.6         Trupanion       1,567       20.52       →       46.70       36.49      88       -2.4         USEcology       316       44.50       →       75.05       76.00       +1.05       +1.4         USGeothermal       3.11       →       5.50       5.45            Umpqua       4,602       16.77       →       24.89       21.66       +.13       +0.6         WashFed       1,104       29.80       →       37.70       34.15       +.10       +0.3         Weyerhaeus       11,490       31.83       →       38.39       34.06      48       -1.4         WillametteV       6       7.81       →       8.86       8.09       +.09       +1.1         Zillow       2,697       37.96       →       65.42       44.47       +.24       +0.5								
TrueBlue       848       20.00       →       29.85       28.15      75       -2.6         Trupanion       1,567       20.52       →       46.70       36.49      88       -2.4         USEcology       316       44.50       →       75.05       76.00       +1.05       +1.4         USGeothermal       3.11       →       5.50       5.45           Umpqua       4,602       16.77       →       24.89       21.66       +.13       +0.6         WashFed       1,104       29.80       →       37.70       34.15       +.10       +0.3         Weyerhaeus       11,490       31.83       →       38.39       34.06      48       -1.4         WillametteV       6       7.81       →       8.86       8.09       +.09       +1.1         Zillow       2,697       37.96       →       65.42       44.47       +.24       +0.5								
Trupanion       1,567       20.52       →       46.70       36.49      88       -2.4         USEcology       316       44.50       →       75.05       76.00       +1.05       +1.4         USGeothermal       3.11       →       5.50       5.45            Umpqua       4,602       16.77       →       24.89       21.66       +.13       +0.6         WashFed       1,104       29.80       →       37.70       34.15       +.10       +0.3         Weyerhaeus       11,490       31.83       →       38.39       34.06      48       -1.4         WillametteV       6       7.81       →       8.86       8.09       +.09       +1.1         Zillow       2,697       37.96       →       65.42       44.47       +.24       +0.5								-2.7
USEcology 316 44.50								-2.6
USEcology 316 44.50		1,567	20.52	<b></b>	46.70		88	-2.4
USGeothermal 3.11 → 5.50 5.45 Umpqua 4,602 16.77 → 24.89 21.66 +.13 +0.6 WashFed 1,104 29.80 → 37.70 34.15 +.10 +0.3 Weyerhaeus 11,490 31.83 → 38.39 34.0648 -1.4 WillametteV 6 7.81 → 8.86 8.09 +.09 +1.1 Zillow 2,697 37.96 → 65.42 44.47 +.24 +0.5				<b></b>				+1.4
Umpqua       4,602       16.77       →       24.89       21.66       +.13       +0.6         WashFed       1,104       29.80       →       37.70       34.15       +.10       +0.3         Weyerhaeus       11,490       31.83       →       38.39       34.06      48       -1.4         WillametteV       6       7.81       →       8.86       8.09       +.09       +1.1         Zillow       2,697       37.96       →       65.42       44.47       +.24       +0.5	3,	-		<b></b>				
WashFed       1,104       29.80       →       37.70       34.15       +.10       +0.3         Weyerhaeus       11,490       31.83       →       38.39       34.06      48       -1.4         WillametteV       6       7.81       →       8.86       8.09       +.09       +1.1         Zillow       2,697       37.96       →       65.42       44.47       +.24       +0.5		4.602						
Weyerhaeus       11,490       31.83       →       38.39       34.06      48       -1.4         WillametteV       6       7.81       →       8.86       8.09       +.09       +1.1         Zillow       2,697       37.96       →       65.42       44.47       +.24       +0.5								
WillametteV 6 7.81 → 8.86 8.09 +.09 +1.1 Zillow 2,697 37.96 → 65.42 44.47 +.24 +0.5		,						
Zillow 2,697 37.96 <b>→</b> 65.42 44.47 +.24 +0.5	,							
Zuilliez 3,233 12.43 <del>▼</del> 32./0 29.20 +.05 +0.2		2,03/						
	7mic-	2 225						

#### **Mutual funds** 15 largest stock funds

#### **Fund indexes**

FUND	LAST NAV	4-WK %RTN	YTD % RTN	MORNINGSTAR	TOTAI 1 WK	RTN % L
Vanguard 500IdxAdmrl	266.14	+0.7	+8.8	Bear Market	2.64	-11.69
Vanguard TtlSMIdxAdmrl	72.29	+0.8	+9.2	Interm-Term Bond	-0.35	-1.29
Vanguard TtlSMIdxInv	72.25	+0.8	+9.2	Convertibles	-1.05	7.45
Vanguard TtlnSldxInv	16.90	-4.1	-6.1	Divers. Pacific Asia	-3.27	-7.94
Vanguard TtlSMIdxIns	72.31	+0.8	+9.3	High Yield Muni	-0.25	1.95
Vanguard InsldxIns	262.72	+0.7	+8.8	High Yield Bond	-0.16	1.12
Vanguard InsidxinsPlus	262.75	+0.7	+8.8	Large Growth	-1.75	13.49
Fidelity Contrafund	13.80		+14.4	Large Value	-0.68	3.35
Vanguard TtInSIdxInsPlus	113.05	-4.2	-6.1	Mid-Cap Growth	-1.09	13.42
American Funds GrfAmrcA m	55.14	-1.1	+11.3	Mid-Cap Value	-0.96	2.68
Vanguard WlngtnAdmrl	73.52		+2.7	Small Growth	-1.09	19.51
Fidelity 500IndexPrm	100.70	+0.7	+8.8	Equity Prec. Metals	-3.51	-23.94
Dodge & Cox Stk	212.31	-0.2	+6.2	Technology	-2.96	15.57
Vanguard TtInSIdxAdmrl	28.27	-4.2	-6.1	Small Value	-1.53	5.26
American Funds CptlIncBldrA	m 60.05	-1.6	-2.8	World Large Stock	-1.96	1.76

Bonas/Ir	itere	st r	ates,	/cor	nm	loa	ities
Bond yields	LAST	PVS	CHG	WK	МО	QTR	YR AGO
Barclays USAggregate	3.32	3.34	-0.02	<b>A</b>	•	<b>A</b>	2.41
Barclays US HY Bd	6.31	6.31		<b>A</b>	<b>A</b>	<b>A</b>	5.55
Moodys AAA Corp Idx	3.94	3.97	-0.03	<b>A</b>	<b>A</b>	<b>A</b>	3.61
Barclays US Corp	3.97	4.00	-0.03	<b>A</b>	•	<b>A</b>	3.07
Treasury yields	LAST	PVS	CHG	WK	МО	QTR	YR AGO
3-month T-bill	2.13	2.13		<b>A</b>	<b>A</b>	<b>A</b>	1.04
6-month T-bill	2.30	2.29	+0.01	<b>A</b>	<b>A</b>	<b>A</b>	1.14
52-wk T-bill	2.50	2.46	+0.04	<b>A</b>	<b>A</b>	<b>A</b>	1.20
2-year T-note	2.69	2.62	+0.07	<b>A</b>	<b>A</b>	<b>A</b>	1.27
5-year T-note	2.82	2.74	+0.08	<b>A</b>		<b>A</b>	1.63
10-year T-note	2.94	2.87	+0.07	<b>A</b>	<b>A</b>	•	2.05
30-year T-bond	3.10	3.05	+0.05	<b>A</b>	<b>A</b>	<b>A</b>	2.66
Interest rates	RATE WK	AGO C	ommodit	y prices		LAST	NET CHG

#### Commodity prices Gold (troy oz) \$1193.60 -\$4.30 Silver (troy oz Copper (pound) \$2.60 -\$.02 Oil futures, light sweet \$67.75 -\$.02 Wheat (bushel) \$... (Chicago Board of Trade)

**Q&A** | Word glitch

#### MOVING TO A NEW COMPUTER: A LOT OF QUESTIONS, AND ANSWERS

By PATRICK MARSHALL Special to The Seattle Times

Q: Well it's that time. I have nearly 10 years on my HP Home Premium and just purchased a new HP Desktop with Windows 10. I have several questions in regard to the new PC setup.

I do have a Seagate 500G portable external hard drive on my current computer. I purchased a 2-terabyte Seagate for my new computer.

- 1. What is the easiest way to transfer all of my data from my old PC to my new PC without having to pay someone to do it and be without a computer for 2-3 days.
- 2. I was told I cannot transfer programs from my old computer to the new one unless I have the "key code" for each program and would have to re-download every pro-
- 3. I was also told that the new computer does not come with any Office programs. Is there a comparable program I can install and also has the capability to read my current documents?
- 4. Is Windows 10 an easy transition for users of Windows 7?
- 5. Last, what do you recommend I do with the old PC. Is there an easy method to erase all the personal data and files, etc., I have on the computer before disposing?

Ted Williams

A: That's a lot of questions, but ones often encountered all at once by those moving to new computers. I'll answer each as concisely as I can.

- 1. You should be able to simply connect your external drive to your new computer and access its files. As for data that's on the old computer's internal drive, the simplest way to move it is to connect the two computers on a network and move folders using Windows File Explorer. If you can't connect to a network you may want to use a datatransfer program such as PC Mover from Laplink, which allows you to move folders using a provided cable and which has a price tag of \$59.95.
- 2. Programs can't be simply moved to a new computer, since there are files that need to be installed to the operating system itself. You'll need to reinstall all programs.

3. There is open-source software that can open Microsoft Office files. You may want to check out OpenOffice.

4. Personally, I found the transition from Windows 7 to Windows 10 to be very easy. In fact, with Windows 10, Microsoft "undid" many of the unpopular interface changes it made with Windows 8, returning to an interface more familiar to Windows 7 users.

5. Recycle that old PC. Just search the internet for "recycle PC XXXX" and replace "XXXX" with the name of your closest city. Most recycle centers also wipe your drive clean for you, though you'll want to check to make sure. If you want to make certain of this, however, you can always do the drive wiping yourself. You'll find a number of commercial and free packages available by searching for "drive wiping software" if you want to take this on. For my part, I just give it to the recycle center. No state secrets on my computers.

Q: I'm using Office 365 and I'm generally happy with it. Recently, however, a glitch started appearing when I open Word documents. When I launch the document from File Explorer, sometimes Word tries to open the document twice. The first time it opens fine, but the second time it reports that it can't open the file because another user is using it. No big deal, but how do I get Word to stop this behavior?

- A. Sypesteyn, Bainbridge Island

A: Sounds like there's some confusion between Word and File Explorer. I'd suggest repairing the installation of Word.

To do so, assuming you're using Windows 10, right-click on the Windows icon in the System Tray and then click on Apps and Features. Scroll down until you see Microsoft Office 365, then click on it. Next click on Modify. After approving the request that pops up to allow Office 365 to make changes to your computer, you'll be offered a choice between a Quick Repair and an Online Repair. Try Quick Repair first. If that doesn't fix the problem, try Online Repair, which requires an active online connection.

 $Patrick\,Marshall: pmarshall@seattletimes.com.$ Questions for Patrick Marshall may be sent by email to pmarshall@seattletimes.com or  $pgmarshall@pgmarshall.net.\ More\ columns\ at$ st.news/marshallQA

## < Magic Leap

FROM A9

the basics — or even just some experiences to make you go "whoa." The Magic Leap One can't be dismissed as a prototype. Not only is it for sale, the company has announced a partnership to, at some point, bring a product to AT&T stores for demonstrations. Magic Leap says this first version and programm

Most curious: The company blamed some of my challenges on an improper fit of its headgear. My fit had been set up by an agent Magic Leap sends to deliver all purchases. I was left wondering how they'll ever sell the product to millions if hardware calibration is that delicate.

So what's it like? Here's six things that stand out about the real-life Magic Leap experience upon its debut.

 Only a fraction of your view gets augmented, which ruins the magic.

Looking through these lenses, it's like there is a box that fills about half the frame where all the 3-D images appear. If you move slightly, the virtual object you're looking at gets awkwardly cropped. Magic Leap's field of view — about 50 degrees — is a bit wider than some rivals. But it still isn't enough to feel like a leap.

A few other factors also ruin the fantasy. Virtual objects that are supposed to be black can appear transparent. And the colors in general are like neon.

• It tired my eyes quickly. After about 20 minutes of wearing the Magic Leap One, my eyes started to feel like

I'd been staring at a laptop screen for six Magic Leap says eyestrain is uncommon.

• There's not much to do with it, so far. Usually when I test a new kind of technology, I demo it to people of different ages and of different technical expertise. But that was especially hard to do with Magic Leap because it comes with so few apps.

The best experience is an app called Create. It lets you paint in 3-D and create diora-

mas with pre-made animated creatures. Others, like an NBA experience, weren't

as compelling. My greater worry is that Magic Leap

doesn't seem to have figured out how to

offer AR experiences that are fundamentally better than what we've seen before. Magic Leap says its goal with this product is to get it into the hands of creators who will come up with those ideas.

• It is comfy on your head — but you can't

The Magic Leap One is more comfortable to wear than many other face computers. That's because the company smartly chose to put the heaviest bits, including the proor and roughly 3-hour battery, into tha circular computer that clips into a pocket or you wear with straps like a purse. The headpiece itself weighs three quarters of a pound.

Unfortunately, the individually calibrated nature of the product makes it hard to just hand your glasses over to a buddy to try.

• "Spatial computing" is cool, but the remote control doesn't make sense.

The best thing about Magic Leap is that it knows where you are in relation to everything else in the room. A bunch of sensors on the headgear map the space around you, so you're free to just move around the room and interact with virtual things.

But interacting with the world isn't smooth because of the included remote, which is like a cross between an Apple TV clicker and an X-Box controller. The buttons aren't intuitive in 3-D space, and there's not much unity between how you use it in different apps: Is it a trackpad? A magic wand?

A lightsaber? The Magic Leap One can track your hand movements and the position of your eyes, which could unlock interesting potential. Few apps yet take advantage of it.

• Yep, you look like an idiot wearing this. Google Glass was sunk, in part, by how it made its owners look. The Magic Leap One looks like a prop from "Mad Max: Fury Road" — very cool if you're looking for a futuristic costume, but not something you'd wear walking down the street. (Magic Leap doesn't recommend wearing it outdoors,

The design also introduces social problems. Though you can see the people around you, they have no idea what you're looking at — if you're paying attention, or even if you're recording them. This information imbalance also contributed to Google Glass' woes.

#### < Tariff pain

anti-American sentiment against U.S. brands with major operations there. They've done it before, including last year against South Korea when it shuttered stores and factories.

Parts of corporate America have been critical of Trump's trade agenda, but not with the same fervor that it attacked and defeated border adjustment — a proposal in last year's tax overhaul that it equated to a levy on imports.

However, over the past few weeks, companies appeared to become more aggressive in pushing back against the third round of duties on \$200 billion worth of Chinese goods. Crafting retailer Joann asked customers to sign a petition or contact their representatives. Purse-maker Vera Bradley said it would be "detrimental" to its turnaround and eliminate jobs. Target weighed in, saying families would take a hit.

"Tariffs are taxes, and taxes raise prices for consumers," Target said in a letter sub-

mitted to the U.S. Trade Representative. "The current proposal to impose up to a 25 percent tariff on an additional \$200 billion in Chinese imports will further hurt American consumers.'

In a letter earlier this week, Apple said the tariffs would affect a wide range of the company's products and goods used in its U.S. operations and would raise prices for some of its popular consumer goods such as the Apple Watch and AirPods headphones.

David French, senior vice president at the National Retail Federation, said the additional tariffs Trump floated on Friday would equate to "a \$70 billion tax increase on American families just in time for the holi-

day shopping season."

"It will virtually affect everything that Americans purchase everyday. We're talking toys, we're talking apparel, we're talking footwear, in addition to the furniture and travel goods and outdoor gear that has already been subject to tariffs," he said. "It's going to impact American manufacturing, it's going to impact American retailers; ultimately it's going to impact jobs and American families.